

1AP20 Rec'd PCT/PTO 30 JUN 2006

Docket No.: 21713-00032-US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Tsukasa Maruyama et al.

Application No.: National Phase of  
PCT/JP2005/006716

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: ELECTROLYTE FOR PHOTOVOLTAIC  
DEVICE AS WELL AS PHOTOVOLTAIC  
DEVICE AND DYE-SENSITIZED SOLAR  
CELL INCLUDING THAT ELECTROLYTE

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Citations AA, BA-BG and CA-CB are mentioned in the International Search Report of PCT/JP2005/006716 filed October 13, 2005.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HMC/

Receipt date: 06/30/2006

10585121 GAU: 1795  
10/585121

Application No.: National Phase of PCT/JP2005/006716

Docket No.: 21713-00032-US1

Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 21713-00032-US1.

Dated: June 30, 2006

Respectfully submitted,

By 

Burton A. Amernick

Registration No.: 24,852

CONNOLLY BOVE LODGE & HUTZ LLP

1990 M Street, N.W., Suite 800

Washington, DC 20036

(202) 331-7111 (Phone)

(202) 293-6229 (Fax)

Attorney for Applicant

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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	Not Yet Assigned <b>10/585121</b>
			Filing Date	Concurrently Herewith
			First Named Inventor	Tsukasa Maruyama
			Art Unit	N/A
			Examiner Name	Not Yet Assigned
			Attorney Docket Number	21713-00032-US1
Sheet	1	of	1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/HMC/	AA*	US-6,475,663-B1	11-05-2002	Möhwald et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/HMC/	BA	WO-03/054894-A1	07-03-2003	SONY INTERNATIONAL (EUROPE) GMBH; SONY CORPORATION		
/HMC/	BB	FR-2 841 255-A1	12-26-2003	INSTITUT NATIONAL POLYTECHNIQUE DE GRENOBLE	English	
/HMC/	BC	WO-2004/017452-A1	02-26-2004	BRIDGESTONE CORPORATION	abstracts of	
/HMC/	BD	EP-1 536 508-A1	06-01-2005	BRIDGESTONE CORPORATION	foreign patents	
/HMC/	BE	EP-1 164 603-A2	12-19-2001	Fuji Photo Film Co., Ltd.	considered	
/HMC/	BF	EP-1 339 127-A1	08-27-2003	DAINIPPON INK AND CHEMICALS, INC.		
/HMC/	BG	JP-62105378 (abstract only)	05-15-1987	HITACHI LTD.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/HMC/	CA	"The novel polymer electrolyte nanocomposite composed of poly(ethylene oxide), lithium triflate and mineral clay" Chen et al., <i>Polymer</i> 42 (2001) pages 9763-9769.	
/HMC/	CB	"Li ion conductors based on laponite/poly(ethylene oxide) composites" Doeff et al., <i>Solid State Ionics</i> 113-115 (1998) pages 109-115.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Heng M. Chan/	Date Considered	08/03/2010
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HMC/